



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Solar Innovations Inc.
31 Roberts Road,
Pine Grove, PA 17963

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SI-3350" Out-folding Aluminum (Thermally Broken) Glass Door-L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-01740 Rev C, titled "Alum Out fold Door", sheets 1 through 14 of 14, prepared by manufacturer, dated 09/09/12 and last revised on 01/09/2014, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See Design Pressure Rating Vs Reinforcements in sheets 2 & 3. Max panel not to exceed 36"WX95.5"H
2. See sheet 4 for anchor installation including Jamb installation L & M. See glazing details in sheet 12, wet glazed unit require silicone sealant at interior and exterior glazing perimeter.
3. Glazing dry glazed gasket (item #19) manufactured by Portage Precision Polymers Inc.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 12-0926.07
Expiration Date: February 20, 2019
Approval Date: February 20, 2014
Page 1

2/20/14

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **08-01740 Rev C**, titled "Alum Out fold Door", sheets 1 through 14 of 14, prepared by manufacturer, dated 09/09/12 and last revised on 01/09/2014, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of aluminum outfolding glass door, prepared by National Certified Testing Laboratories, York, PA, Test Report No. **NCTL-110-15005-1**, dated 09/10/12 and last revised on 10/16/13, signed and sealed by Harold E. Rupp, P. E.

Note: This test report have marked-up drawings issued on 06-11-12 and 07/16/13 by NCTL.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 09/20/12 and last revised on 12/13/2013, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

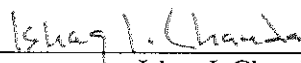
1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass ®", expiring on 01/14/17.
2. Test report No.ETC-07-1043-119094.0, prepared by ETC Laboratories, dated 04/30/07, issued to Technoform Bautech NA., Inc for their I-Strut (PA 6.6 GF-25) per ASTM D638-03 "Standard Test Methods for Tensile Properties of Plastics" for exposed & unexposed sample per Xenon Arch after 4500 Hours, signed and sealed by Joseph Labora Doldan, P.E.
3. Test report No.6126.01-106.18, prepared by Architectural Testing, dated 12/13/05 w/ Rev 1 dated 01/04/06, issued to Technoform Bautech NA., Inc for their I-Strut (PA 6.6 GF-25) per ASTM D2843-99 "Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics", ASTM D635-98 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position", signed and sealed by Joseph A. Reed, P.E.
4. Test report No. PN 105435, issued by ARD Lab dated 09-24-12 per ASTM C-864 for material compound # 270555, issued to Portage Precision Polymer Inc., signed by Jim Drummond, Testing Manager.

F. STATEMENTS

1. Statement letter of conformance and letter of no financial interest, dated 01/26/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Test proposal # **11-0811**, dated SEP 07, 2011, approved by BNC.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 12-0926.07

Expiration Date: February 20, 2019
Approval Date: February 20, 2014

THIS DRAWING APPLIES ONLY TO THE PRODUCT SHOWN HEREIN. THIS DRAWING MAY NOT BE USED FOR ASSEMBLING, INSTALLATION OR APPROVAL OF A PRODUCT THAT IS NOT MANUFACTURED BY SOLAR INNOVATIONS, INC.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.

NOTES:

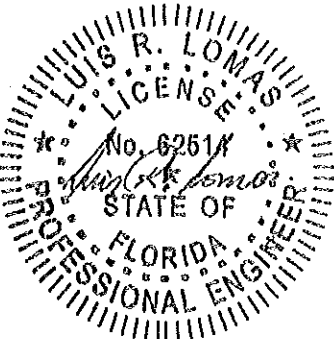
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. PROPERLY SECURED 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: ALUMINUM 6063-T6
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 12 FOR GLASS OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR (2)2X BUCK USE #14 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS FY=92Ksi WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE #14 SMS GRADE 5 OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD -- MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE -- MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY -- STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

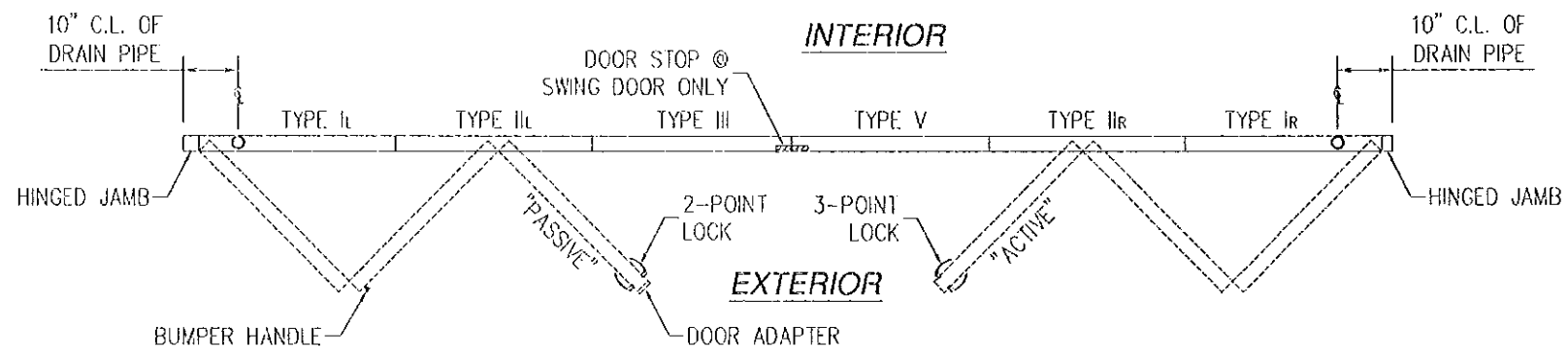
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
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4	ANCHORING LAYOUT
5	B.O.M.
6 - 8	CROSS SECTIONS AND GLAZING DETAILS
9 - 12	INSTALLATION DETAILS
13	WEEP DETAILS
14	COMPONENTS

Approved as complying with the
Florida Building Code
Date: FEB 20, 2014
NOA# 12-00926-07
Miami Dade Product Control
By: [Signature]

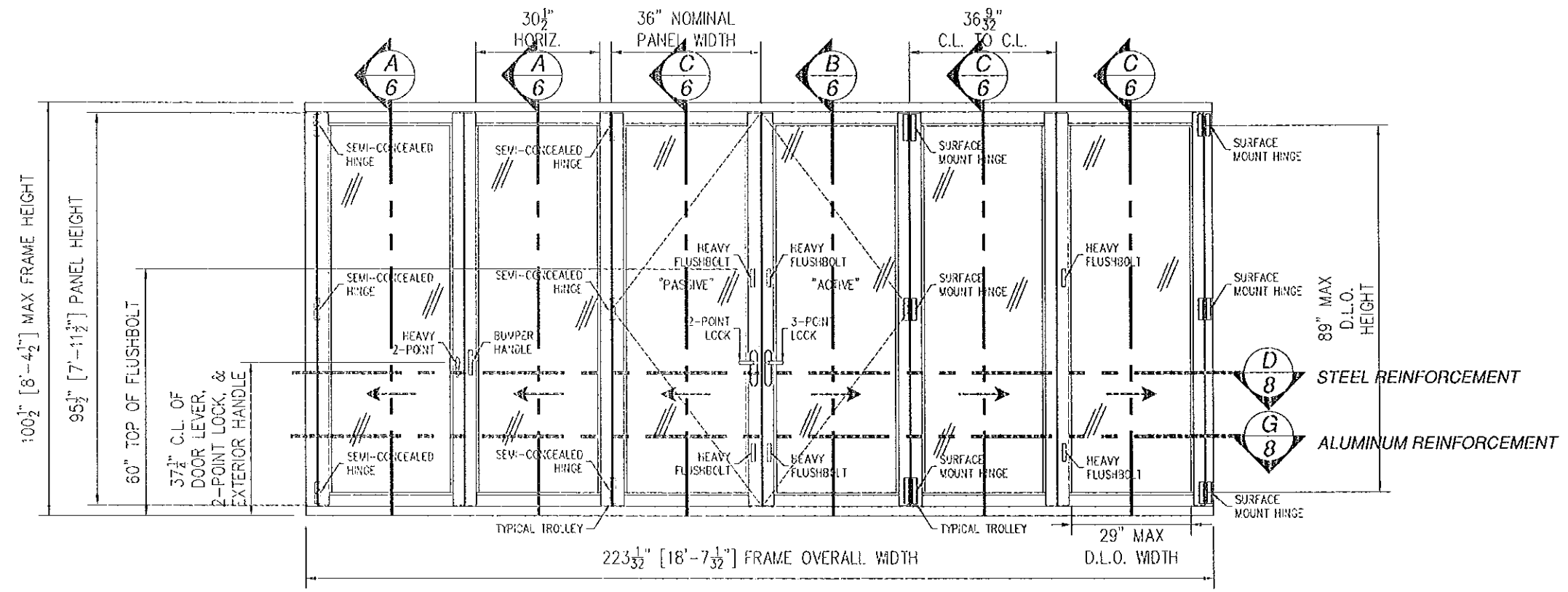
SOLAR INNOVATIONS, INC.		
31 ROBERTS RD PINE GROVE, PA 17963		
SI 3350 IMPACT FGW 3X8 PANEL ALUMINUM OUTFOLD DOOR - REINFORCED NOTES		
DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 1 OF 14

SIGNED: 01/09/2014





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.



SI 3350 IMPACT FGW 3X8 PANEL OUTFOLD
EXTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATION ARE APPROVED
AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USES VERTICAL
CONDITIONS AS SHOWN.

DESIGN PRESSURE RATING	IMPACT RATING
±80.0PSF	LARGE AND SMALL MISSILE IMPACT

NOTES:
MAXIMUM PANEL SIZE: 36\" W X 95 1/2\" H

Approved as complying with the
Florida Building Code
Date: 2/20/14
By: [Signature]
State of Florida Product Control

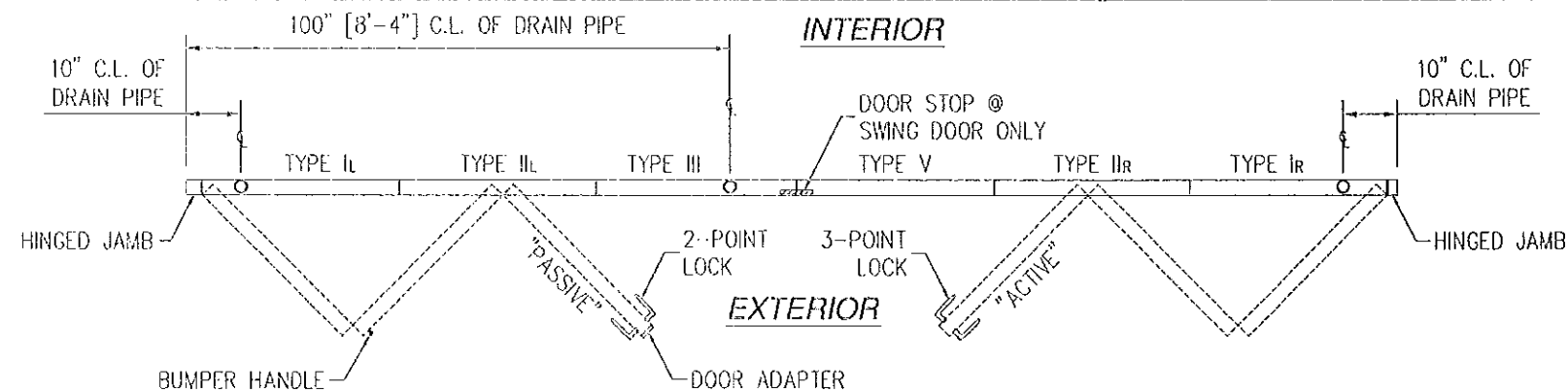
SOLAR INNOVATIONS, INC.
31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR – REINFORCED
FULL LITE ELEVATION

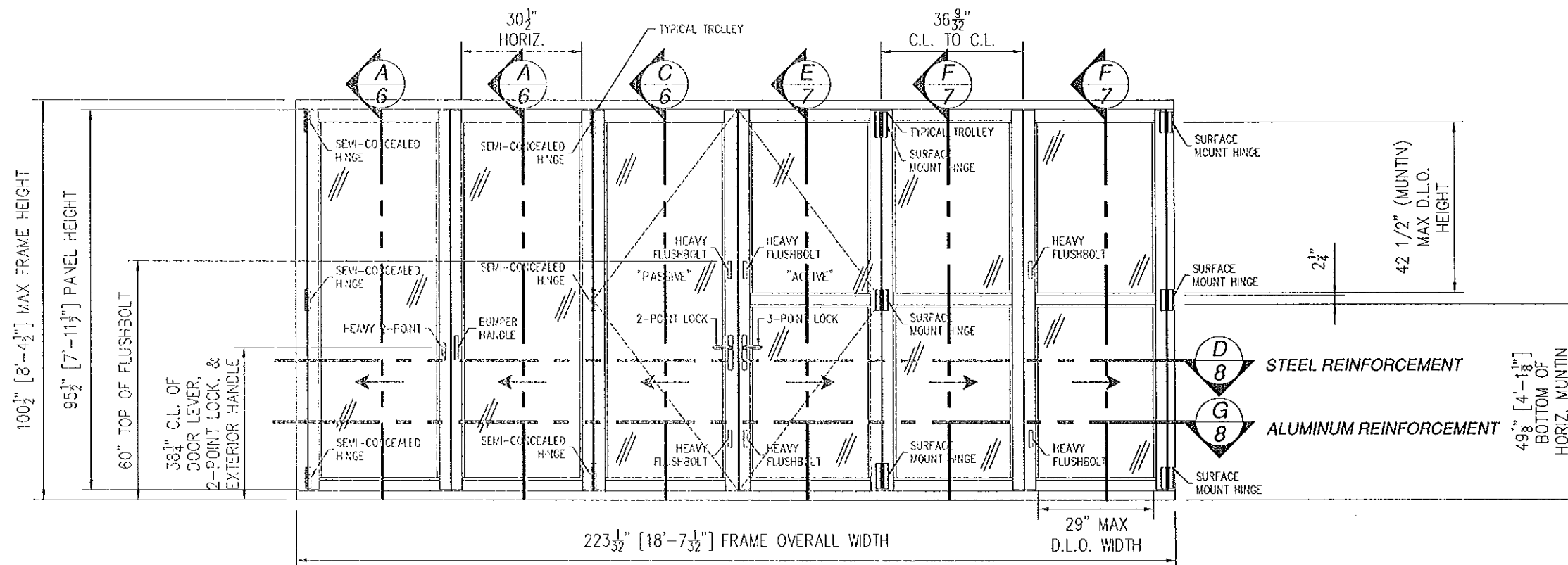
DRAWN: R.L.	DWG NO. 08--01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 2 OF 14

SIGNED: 01/09/2014

LUIS R. LOMAS
LICENSED PROFESSIONAL ENGINEER
No. 62514
STATE OF FLORIDA



REVISIONS			
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SI 3350 IMPACT FGW 3X8 PANEL OUTFOLD

EXTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATION ARE APPROVED
AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USES VERTICAL
CONDITIONS AS SHOWN.

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 80.0\text{PSF}$	LARGE AND SMALL MISSILE IMPACT

NOTES:
MAXIMUM PANEL SIZE: 36"W X 95 1/2"H

Approved as complying with the
Florida Building Code
Date 2/26/16
NOA# 12-0926-01
Miami Dade Product Control
By [Signature]

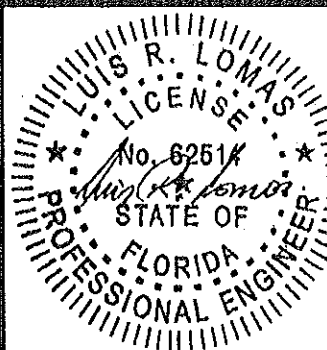
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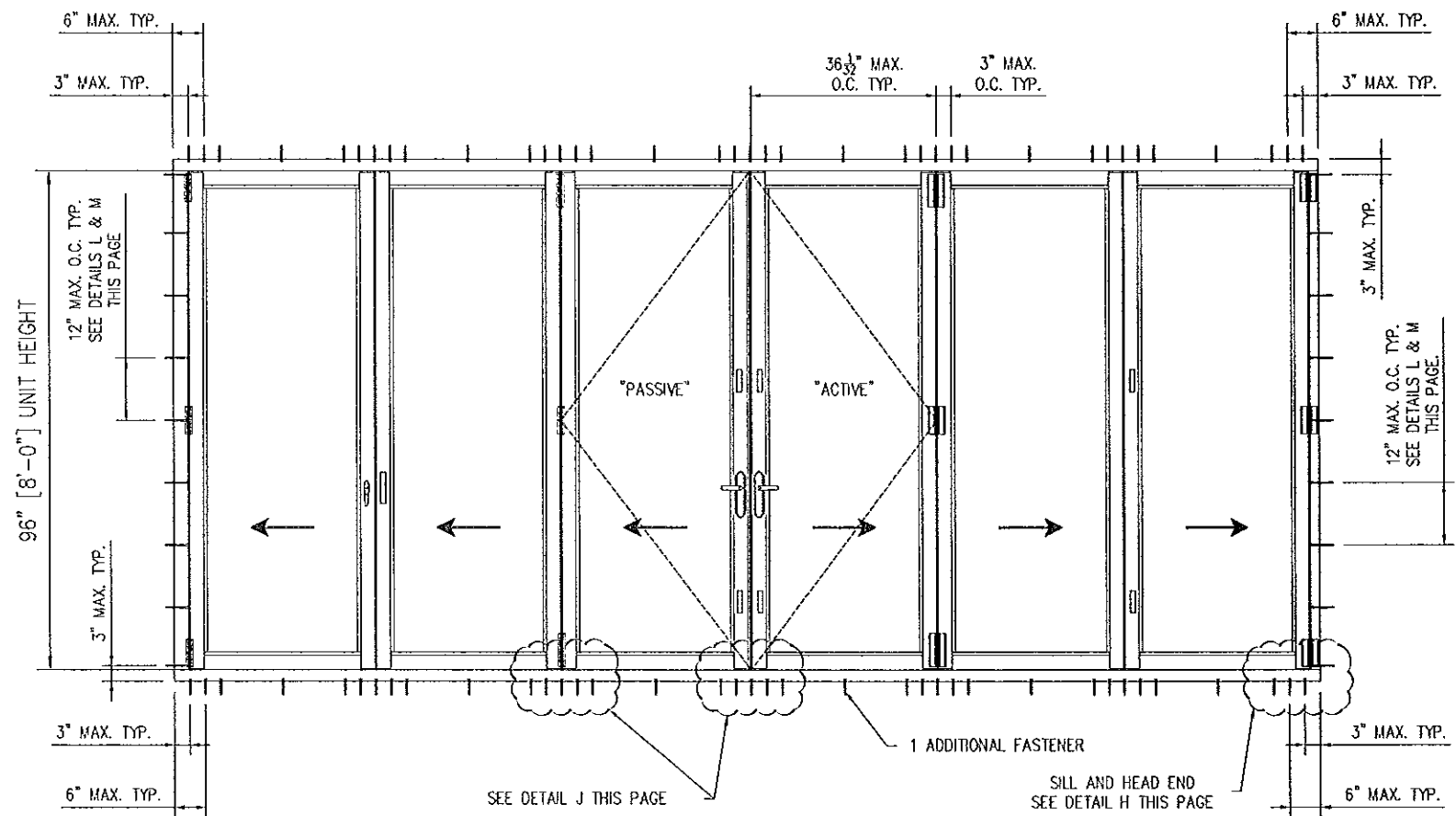
31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
EQUAL LITE WITH PANIC BAR ELEVATION

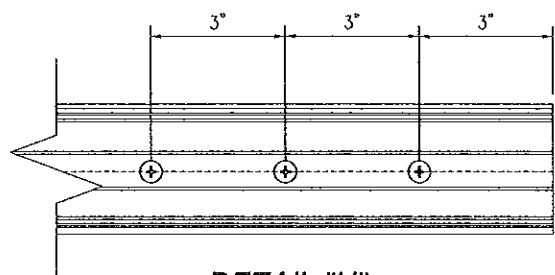
DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 3 OF 14

SIGNED: 01/09/2014

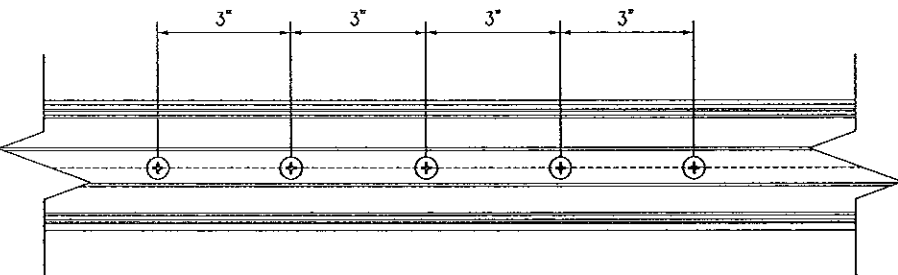




ANCHOR LAYOUT
 APPLICABLE TO ALL CONFIGURATIONS.

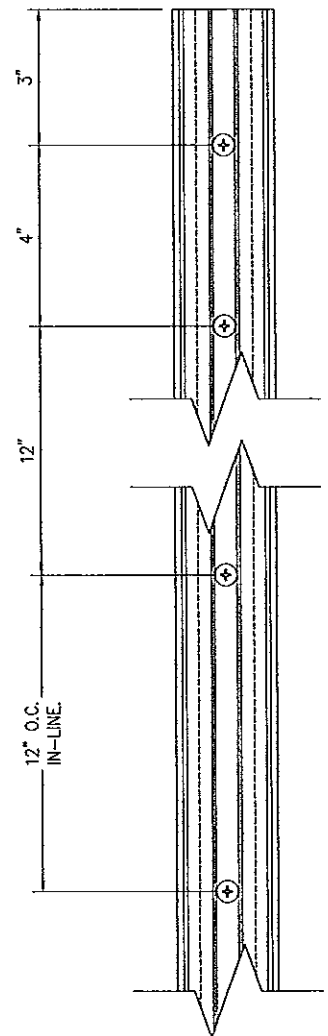


DETAIL "H"
 SILL AND HEAD END

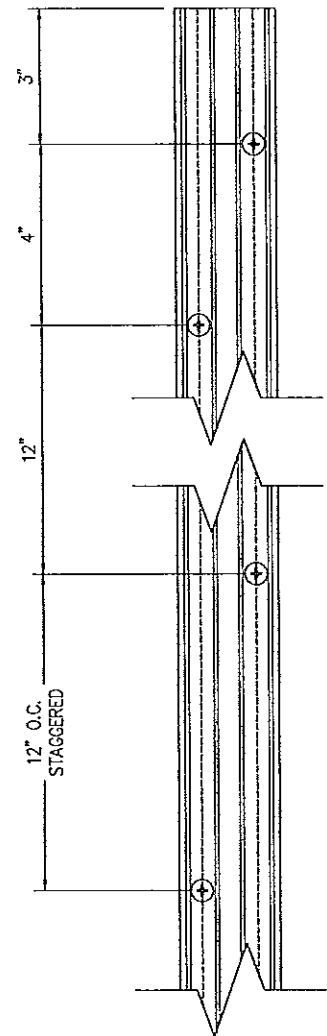


DETAIL "J"
 SILL AND HEAD CLUSTER

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JAMB INSTALLATION DETAIL L
 JAMB WITH JAMB REINFORCEMENT ITEM #10



JAMB INSTALLATION DETAIL M
 JAMB WITHOUT JAMB REINFORCEMENT
 (USED WITH TALL PROFILE ONLY)
 SEE JAMB SECTIONS SHEET 11

SIGNED: 01/09/2014

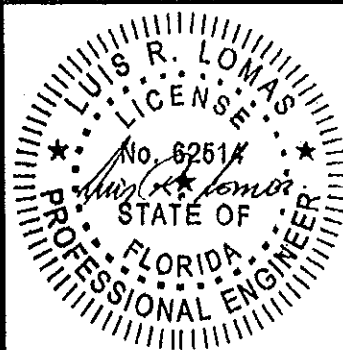
Approved as complying with the
 Florida Building Code
 Date 2/20/16
 31024
 Miami Code Product Control
 By [Signature]

SOLAR INNOVATIONS, INC.

31 ROBERTS RD
 PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
 ALUMINUM OUTFOLD DOOR - REINFORCED
 ANCHORING LAYOUT

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 4 OF 14

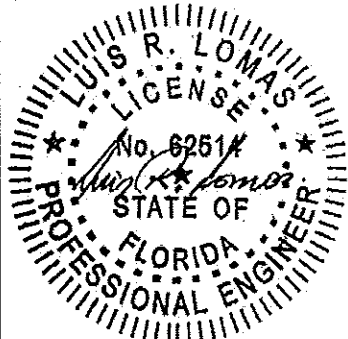


PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	H-12498-A	DUAL WHEEL HEAD/SILL ASSY	KEYMARK	ALUMINUM 6063-T5
2	S45004	FRAME	KEYMARK	ALUMINUM 6063-T6
3	S54168	FRAME CAP	KEYMARK	ALUMINUM 6063-T6
4	H07559	FRAME LUG	KEYMARK	ALUMINUM 6063-T6
5		STEEL CHANNEL	SOLAR STEEL	A-36 STEEL
6	47086	HANDLE - LOW PROFILE	KEYMARK	ALUMINUM 6063-T5
7		HANDLE - RECESSED/FLUSH	KEYMARK	ALUMINUM 6063-T5
8	S34713	GLASS STOP 1"	KEYMARK	ALUMINUM 6063-T6
9	S34714	GLASS STOP 9/16"	KEYMARK	ALUMINUM 6063-T6
10		JAMB REINFORCEMENT	SOLAR	STEEL
11	H10686	HINGE EXTENSION	KEYMARK	ALUMINUM 6105-T5
12	S50311	TROLLEY BODY	KEYMARK	ALUMINUM 6005-T5
13	S34717	IDLER BODY	KEYMARK	ALUMINUM 6105-T5
14	H10683	HINGE	KEYMARK	ALUMINUM 6105-T5
15	S34841	HINGE COVER	KEYMARK	ALUMINUM 6063-T5
16	H07562	HINGE BARREL	KEYMARK	ALUMINUM 6063-T5
17	H10684	HINGE SEMI CONOELED	KEYMARK	ALUMINUM 6105-T5
18	S47543	FRAME LOW PROFILE	KEYMARK	ALUMINUM 6063-T5
19	4498-02-00	MULTIFIN GASKET	PORTAGE PRECISION	EPDM 70 SHORE A
20		#10-32 X 1/2" FH SS SCREW		
21		#6 X 1/2" FH SELF DRILLING SCREW		
22		1/8" SETTING BLOCK		MIN 70 SHORE A
23		FLASHING		MIN 70 SHORE
24		#8 X 1/2" PH SELF DRILLING SCREW		
25		TROLLEY COVER	KEYMARK	ALUMINUM 6063-T5
26		#8-32 X 3/8" FH SMS		
27		3/4" ARROW SHIM		
28		1/8" HARD SHIM		
29		SIKA 552	SIKA	POLYURETHANE
30		TROLLEY ASSY BOTTOM LOAD		ALUMINUM 6063-T5
31	34720	DOOR STOP	KEYMARK	ALUMINUM 6063-T6

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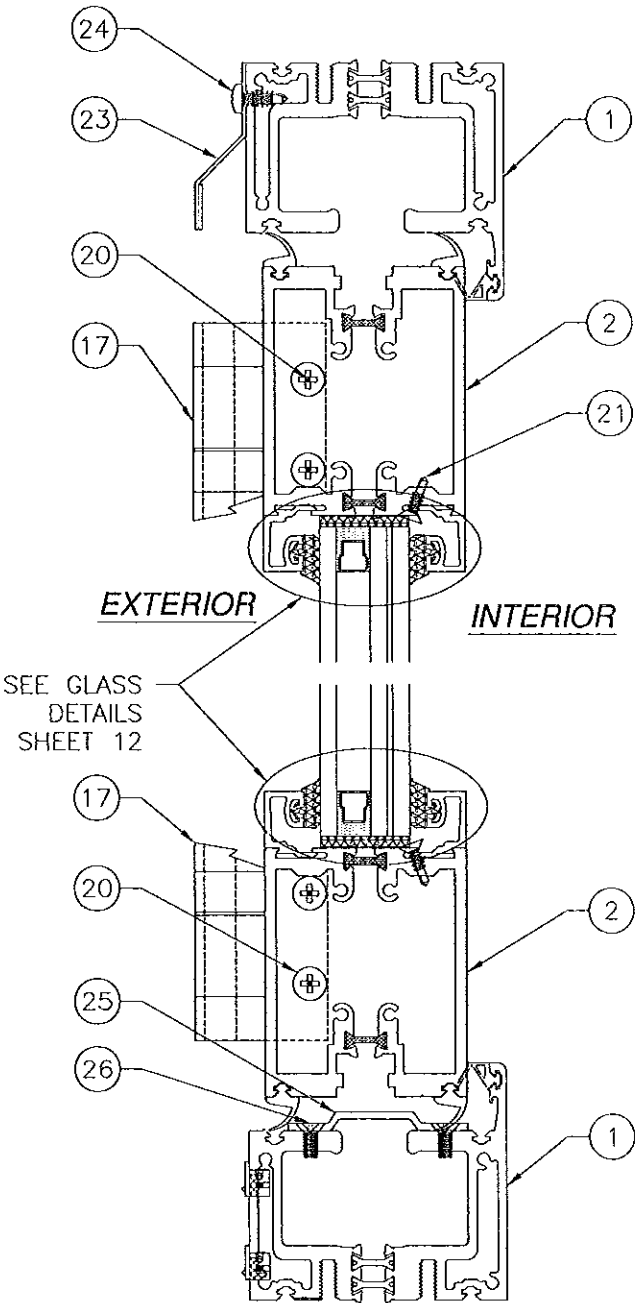
PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
32		#10-24 X 1/2" FH SMS		
33		#12 X 1 FH SELF DRILLING SCREW		
34	GA000247-00-02	GASKET		
35		2 POINT LOCK		
36		#10-32 X 1" FH SMS		
37	49050	SLIDE-IN DOOR STOP	KEYMARK	ALUMINUM 6063-T6
38	GA000022-00-02	BULB GASKET		
39	40921	DOOR ADAPTER	KEYMARK	ALUMINUM 6063-T6
40		FLUSH BOLT		
41		DOOR SWEEP GASKET		
42		DOOR LEVER "MILAN" 2POINT LOCK		
43	44793	MUNTIN	KEYMARK	ALUMINUM 6063-T6
44		SURFACE MOUNT HINGE	KEYMARK	ALUMINUM 6063-T5
45		#10-32 X 3/8 FH SMS		
46		DOOR LEVER "TORONTO" 2 POINT LOCK		
47	S49375	U REINFORCEMENT	KEYMARK	ALUMINUM 6063-T5
48		THERMAL BREAK	TECHNOFORM	POLYAMIDE

SIGNED: 01/09/2014

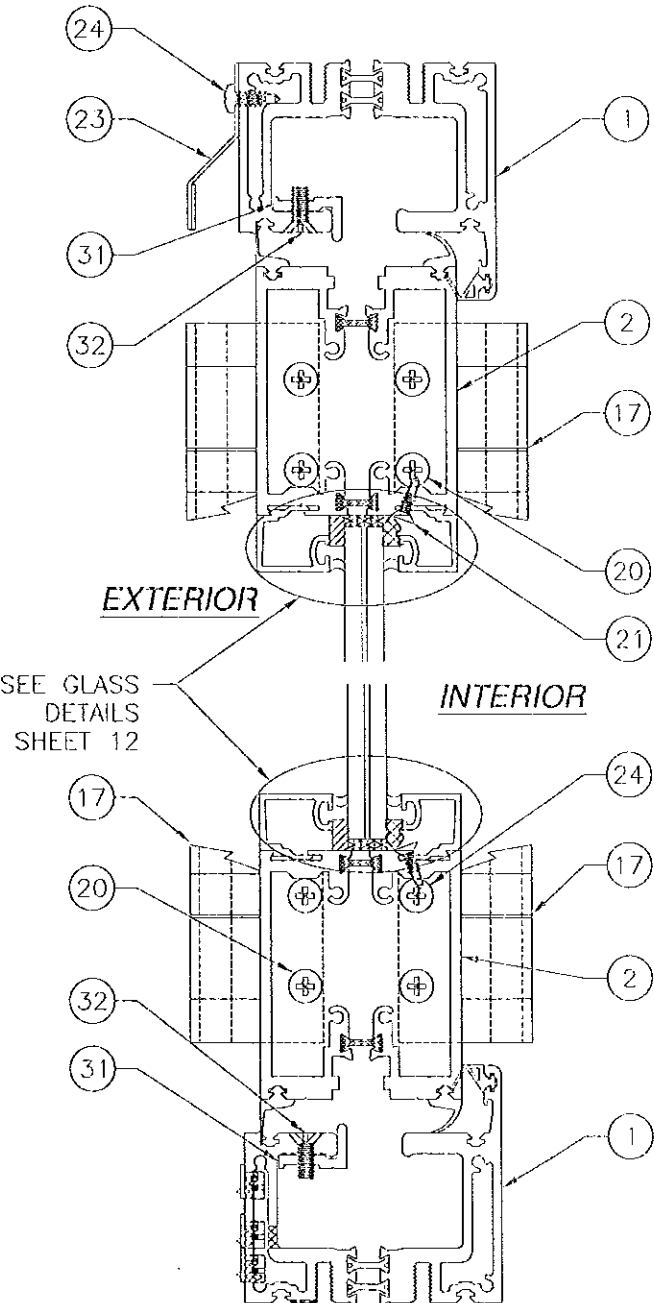
Approved as complying with the Florida Building Code Date <u>1/20/16</u> NOA# <u>12-09261-07</u> Miami Dade Product Control By <u>Lshag/1. G...</u>		SOLAR INNOVATIONS, INC. 31 ROBERTS RD PINE GROVE, PA 17963		
		SI 3350 IMPACT FGW 3X8 PANEL ALUMINUM OUTFOLD DOOR - REINFORCED B.O.M.		
DRAWN: R.L.		DWG NO. 08-01740		REV C
SCALE NTS		DATE 09/19/2012		SHEET 5 OF 14

FOR ILLUSTRATION ONLY SEE INSTALLATION DETAILS ON SHEETS 9-11

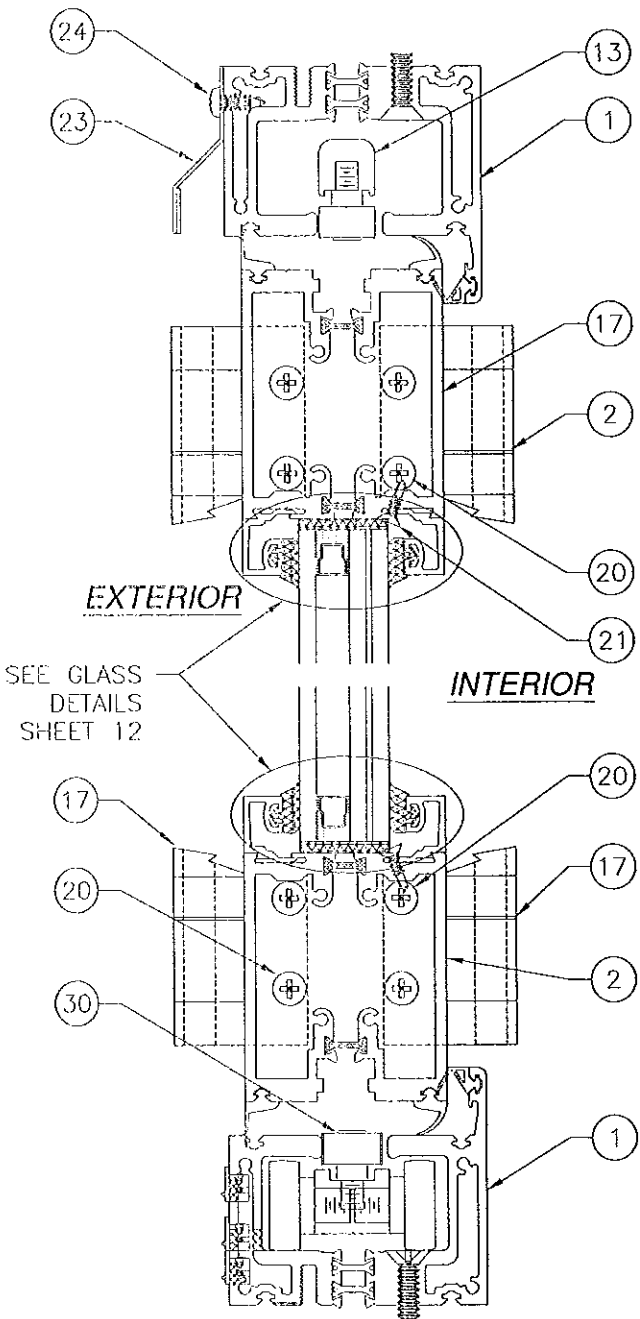
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A
6 VERTICAL CROSS SECTION
OUTFOLD



B
6 VERTICAL CROSS SECTION
OUTFOLD



C
6 VERTICAL CROSS SECTION
OUTFOLD BOTTOM LOAD

Approved as complying with the
Florida Building Code
Date 2-20-16
NOA 12-0926-07
Miami Dade Product Control
By [Signature]

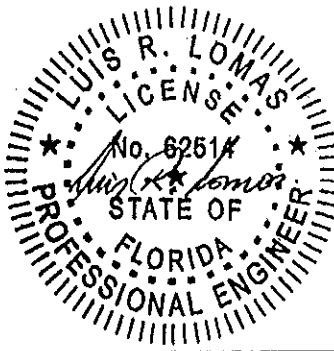
SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
VERTICAL CROSS SECTIONS

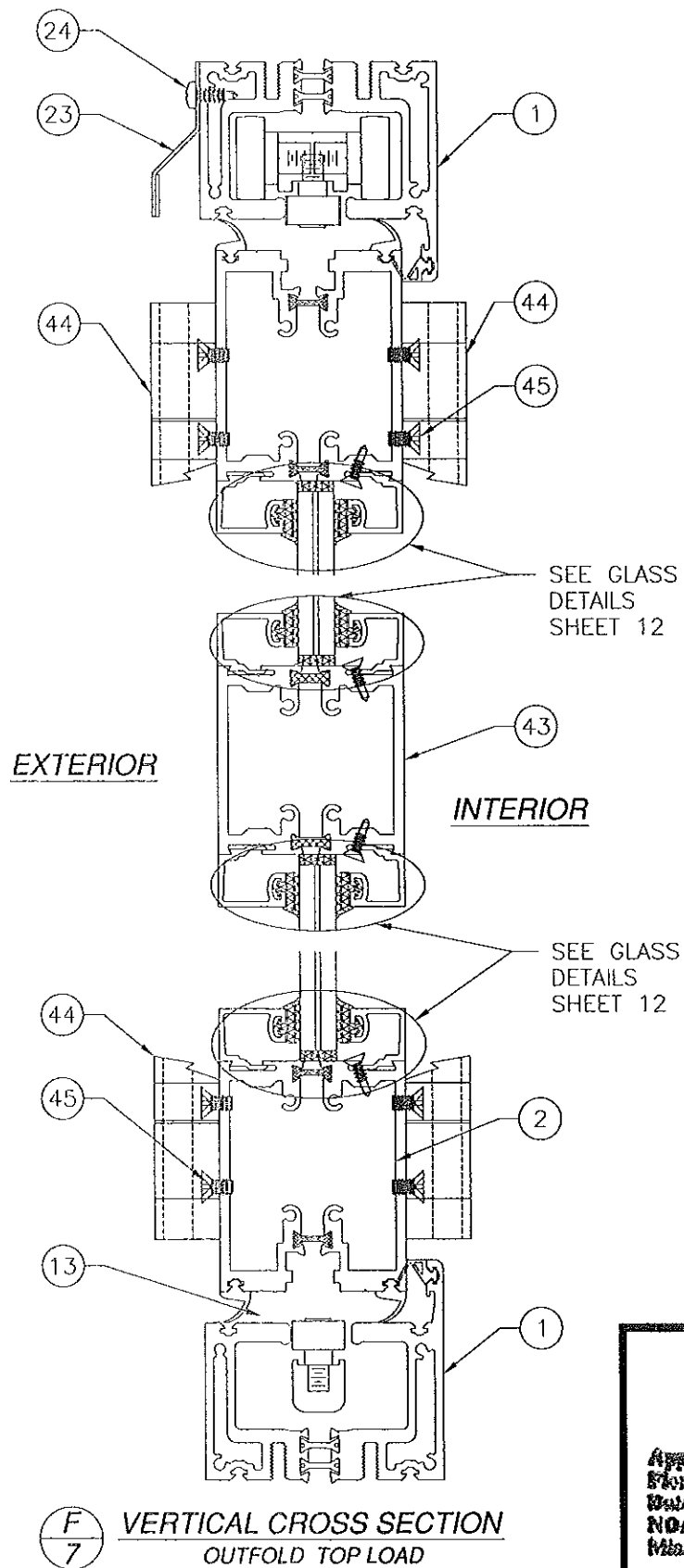
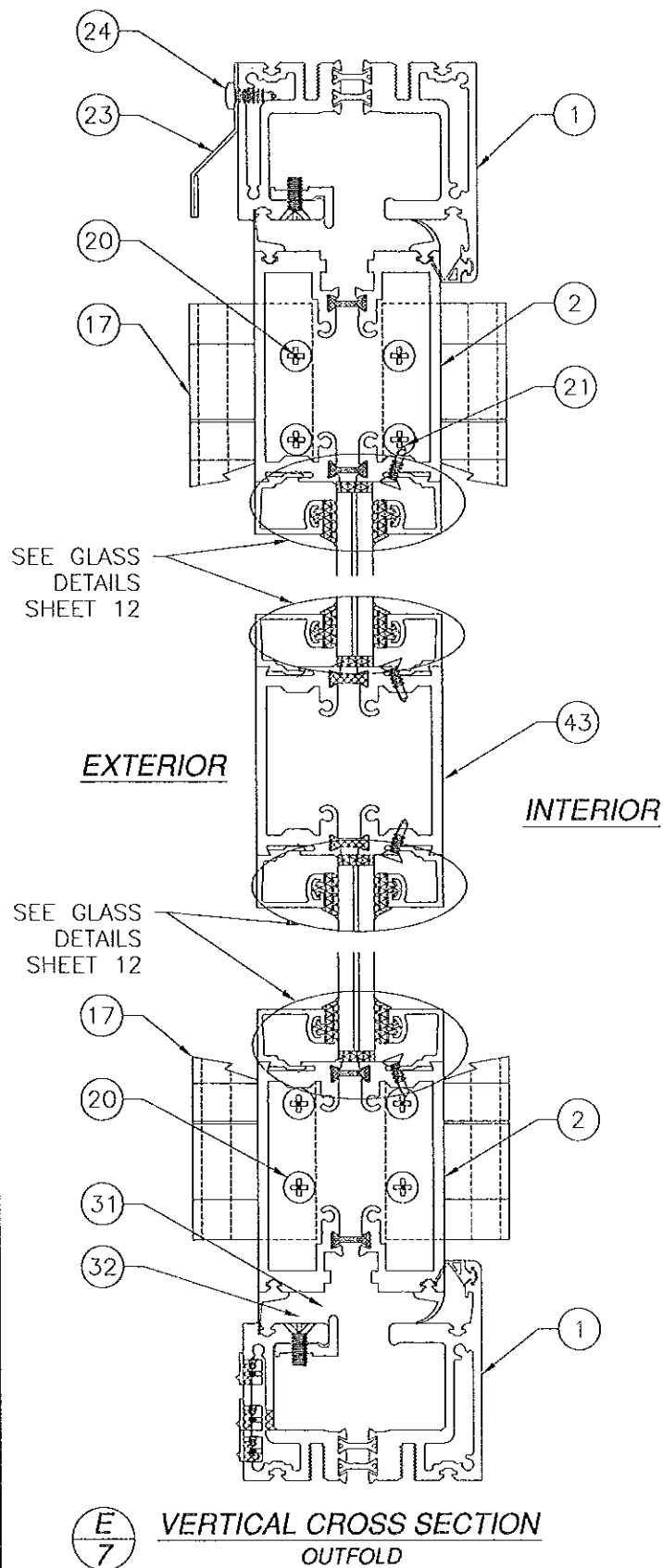
DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 6 OF 14

SIGNED: 01/09/2014



FOR ILLUSTRATION ONLY SEE INSTALLATION DETAILS ON SHEETS 9-11

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Miami Made Product Control
By *[Signature]*

SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
VERTICAL CROSS SECTIONS

DRAWN:

R.L.

DWG NO.

08-01740

REV

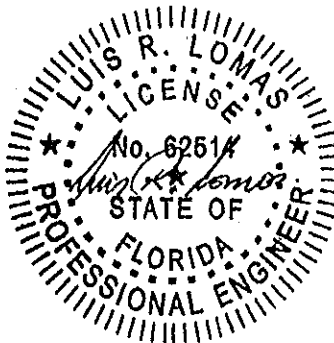
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SCALE NTS

DATE 09/19/2012

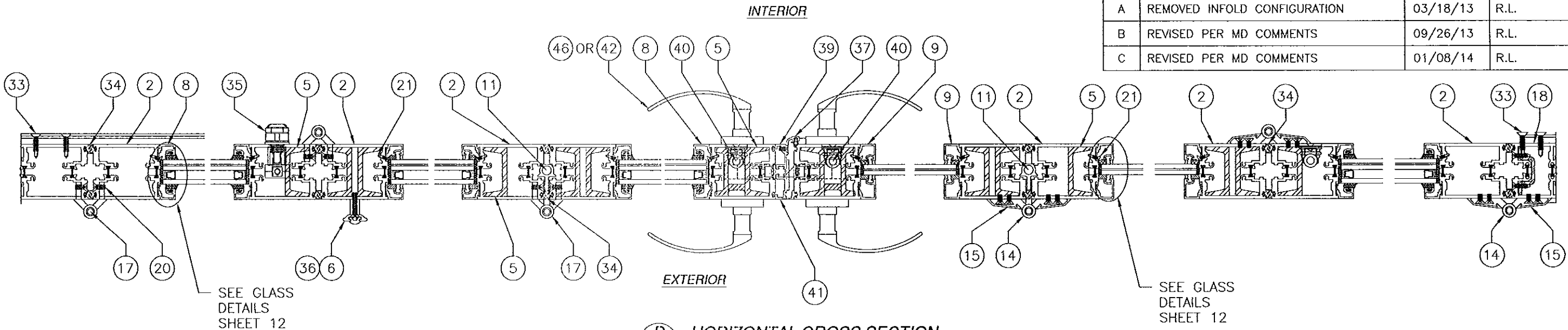
SHEET 7 OF 14

SIGNED: 01/09/2014

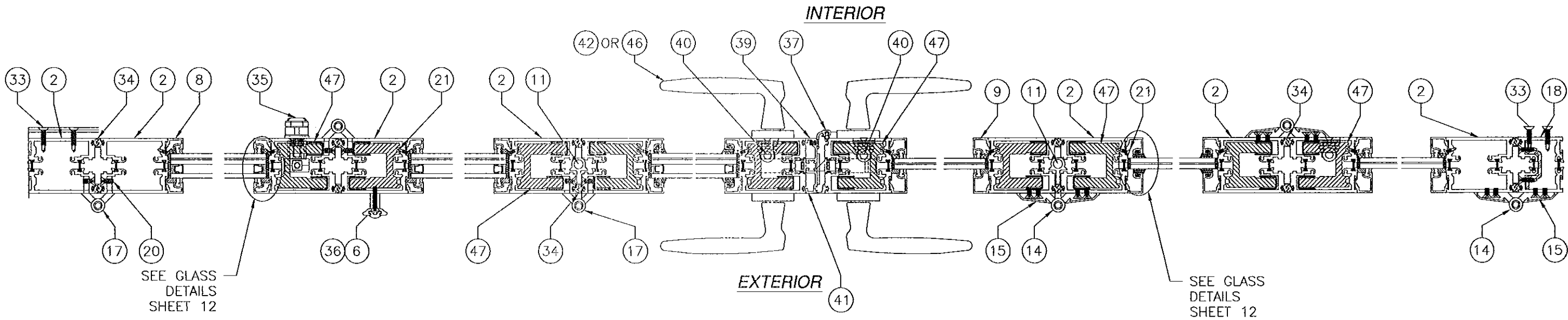


FOR ILLUSTRATION ONLY SEE INSTALLATION DETAILS ON SHEETS 9-11

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.



D
8 HORIZONTAL CROSS SECTION
STEEL REINFORCED



G
8 HORIZONTAL CROSS SECTION
ALUMINUM REINFORCED

SIGNED: 01/09/2014

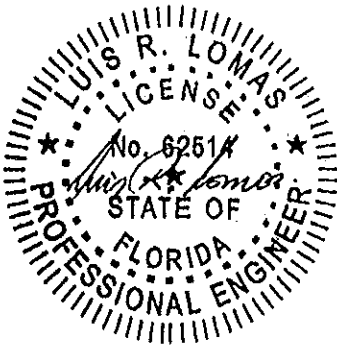
Approved as complying with the
Florida Building Code
Date 2/20/16
NOAA 12-09-26-8
Miami Code Project Control
By: [Signature]

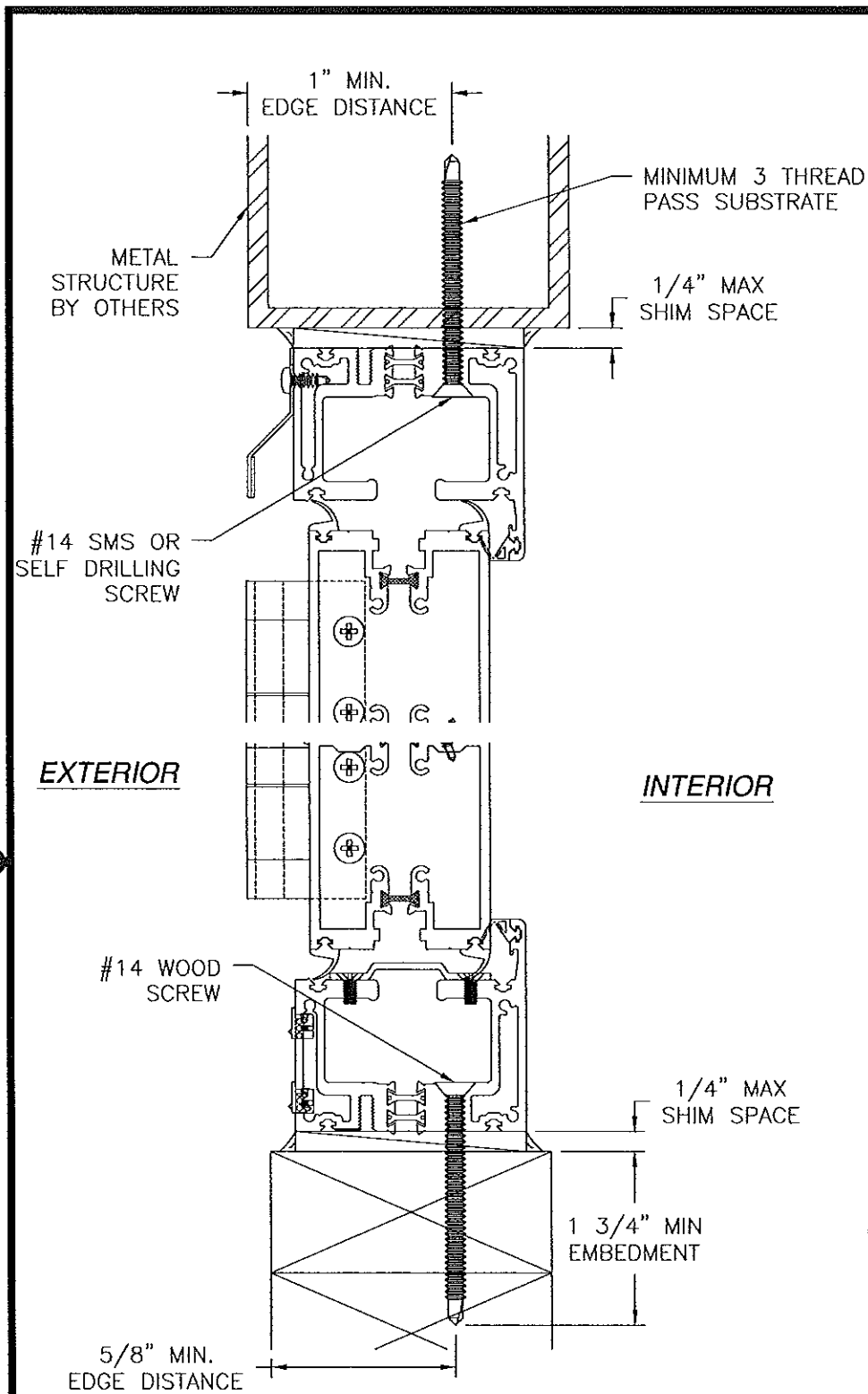
SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

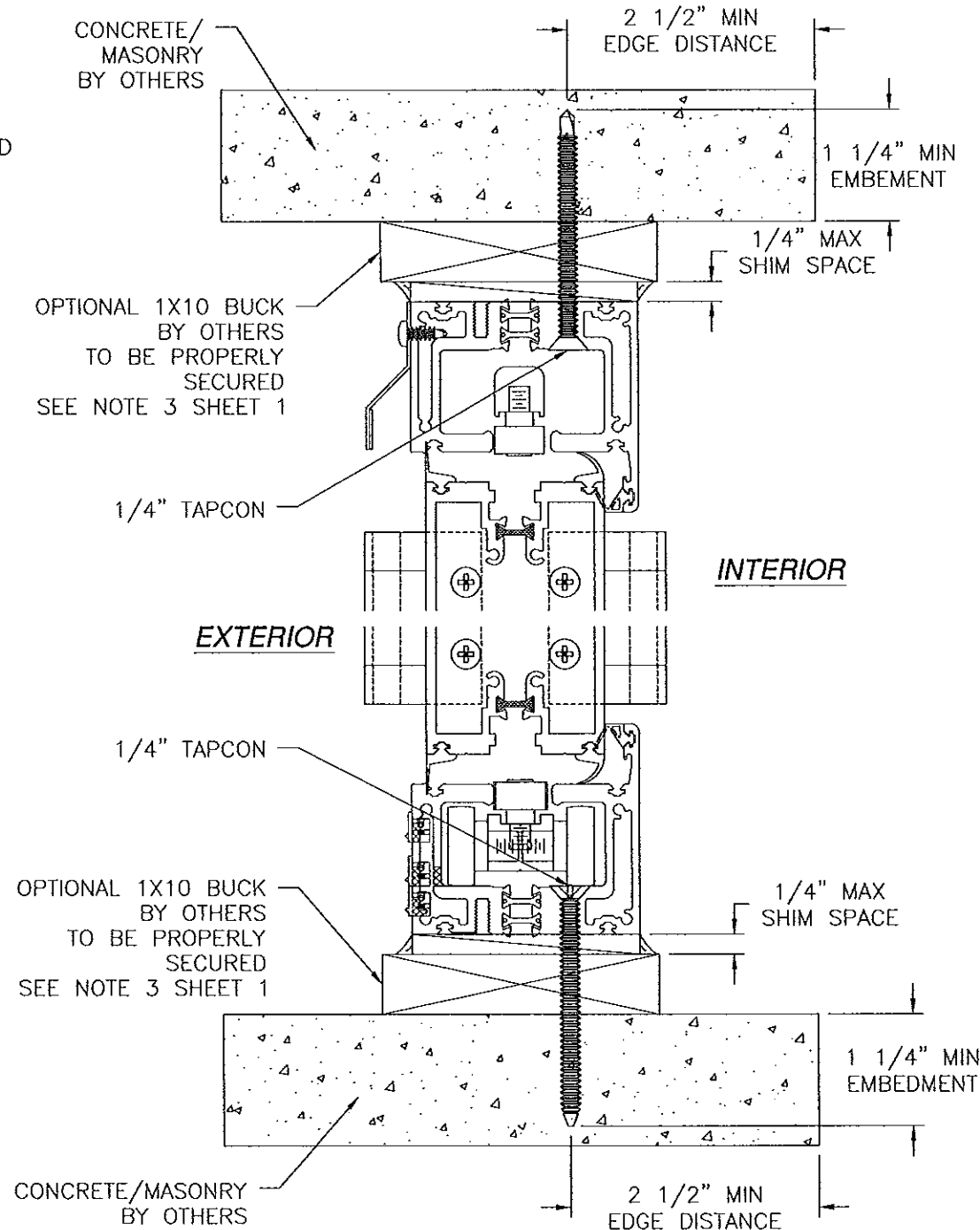
SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
HORIZONTAL CROSS SECTION

DRAWN: R.L. DWG NO. 08-01740 REV C
SCALE NTS DATE 09/19/2012 SHEET 8 OF 14





VERTICAL CROSS SECTION
WOOD FRAMING OR (2)2X BUCK
OR METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.

NOTES:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

SIGNED: 01/09/2014

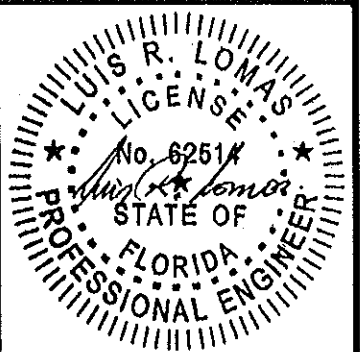
Approved as complying with the
Florida Building Code
Date 2/20/14
NOAA 12-29-26-07
Miami Code Product Control
By [Signature]

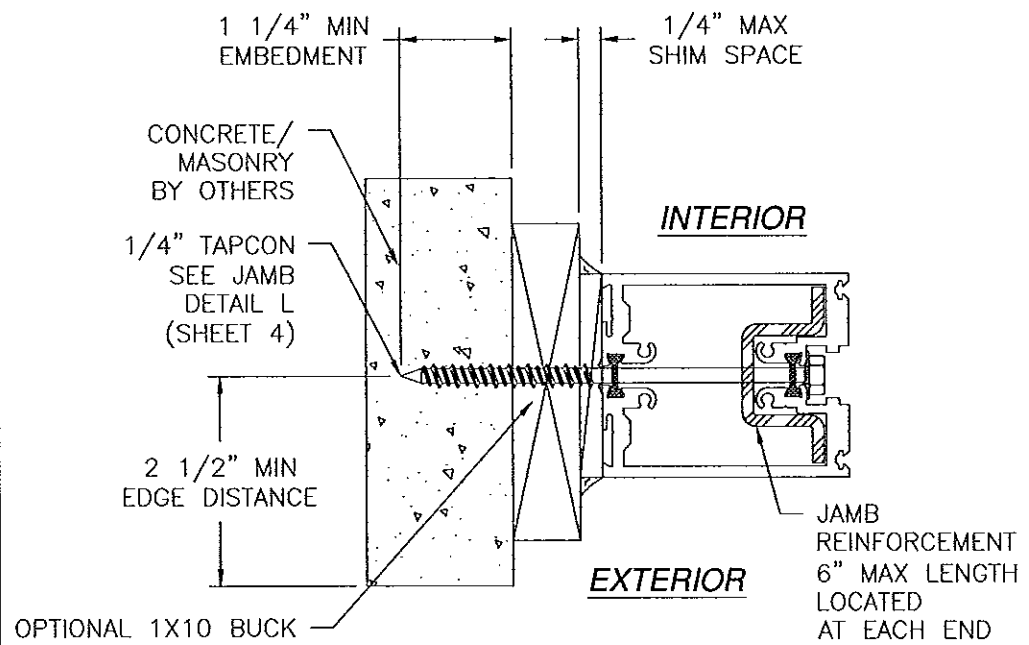
SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

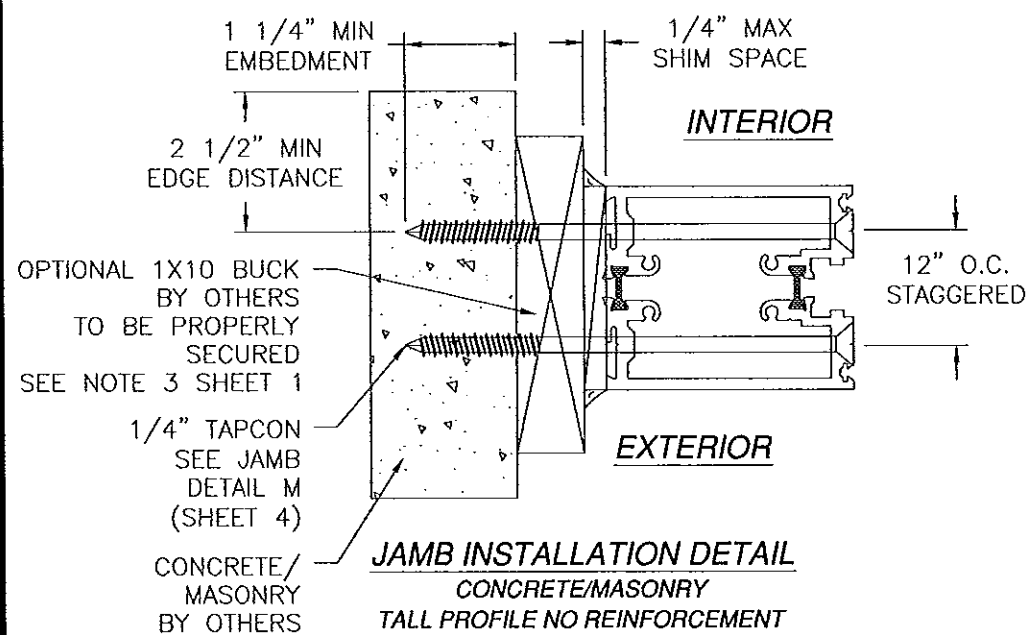
SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 9 OF 14

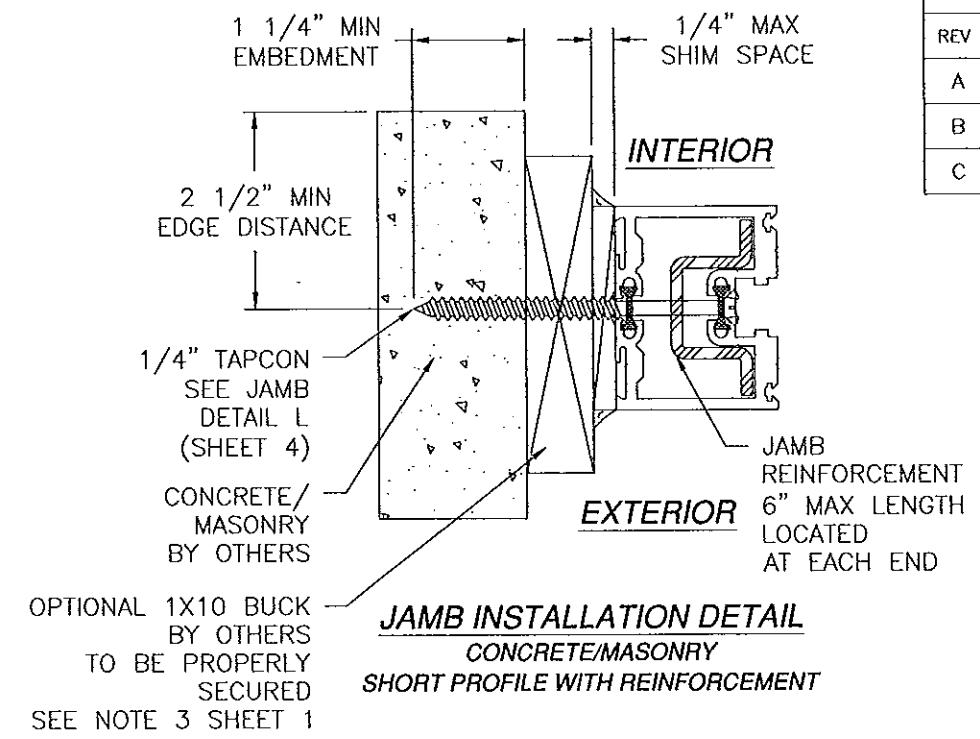




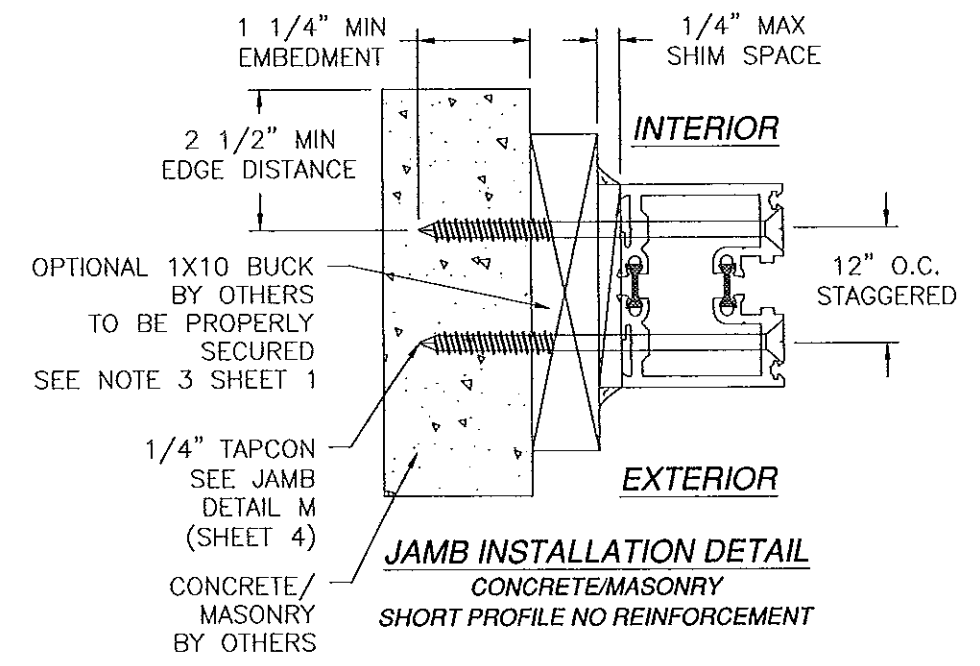
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY
TALL PROFILE WITH REINFORCEMENT



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY
TALL PROFILE NO REINFORCEMENT



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY
SHORT PROFILE WITH REINFORCEMENT



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY
SHORT PROFILE NO REINFORCEMENT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
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Approved as complying with the
Florida Building Code
Date 2/20/16
NDAA 12-0936-07
Miami Code Product Control
By [Signature]

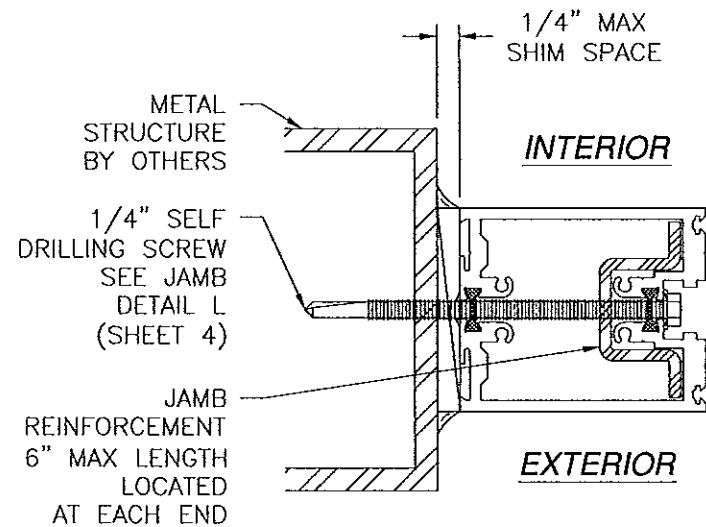
SOLAR INNOVATIONS, INC.
31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR – REINFORCED
INSTALLATION DETAILS

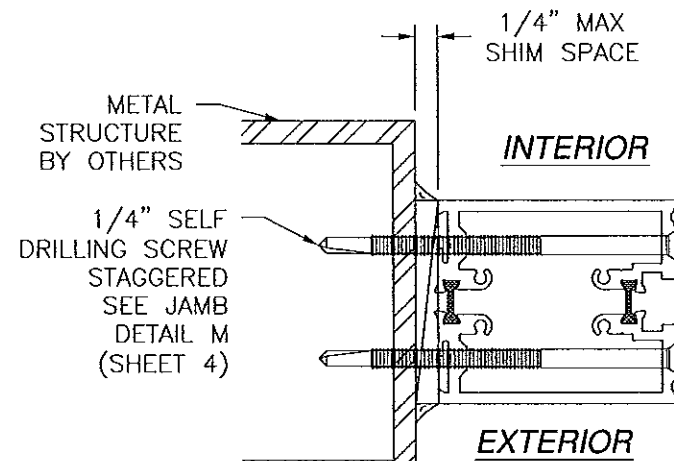
SIGNED: 01/09/2014

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 10 OF 14

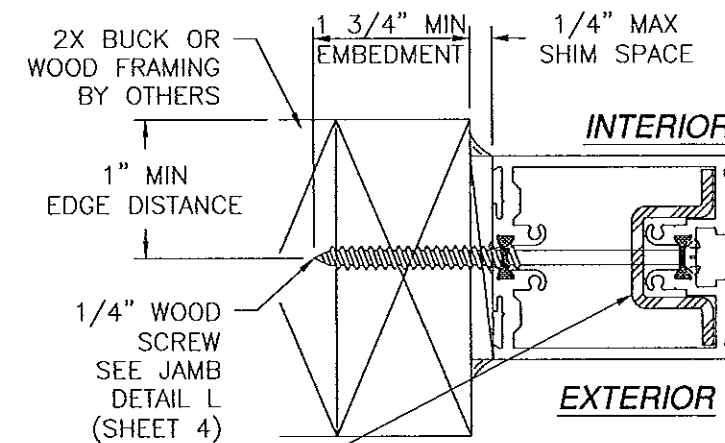
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.



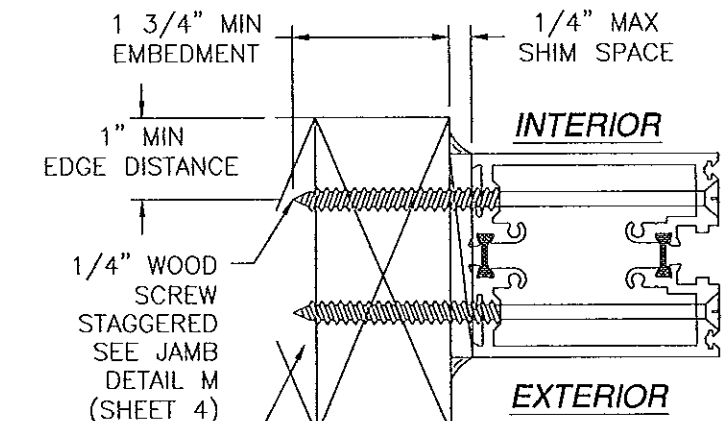
JAMB INSTALLATION DETAIL
METAL STRUCTURE
TALL PROFILE WITH REINFORCEMENT



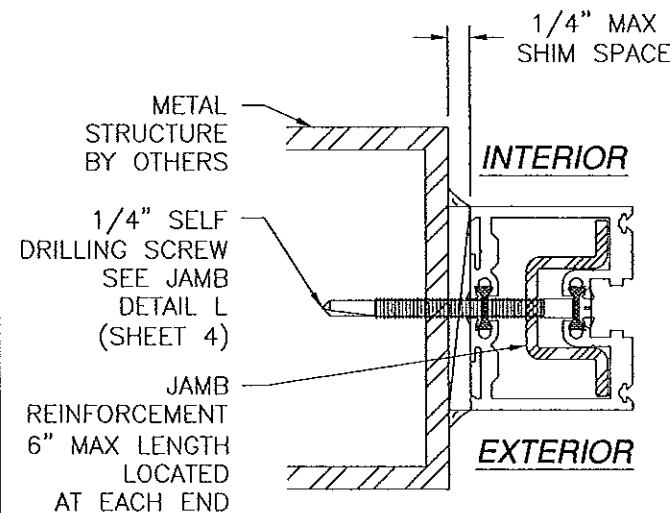
JAMB INSTALLATION DETAIL
METAL STRUCTURE
TALL PROFILE NO REINFORCEMENT



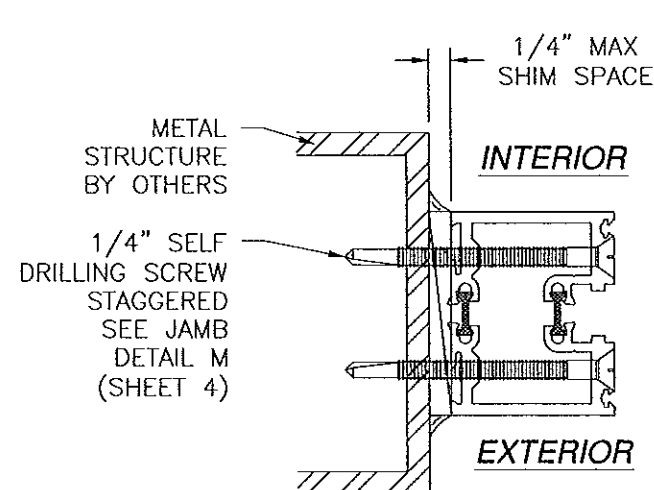
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2X BUCK OR WOOD FRAMING
TALL PROFILE WITH REINFORCEMENT



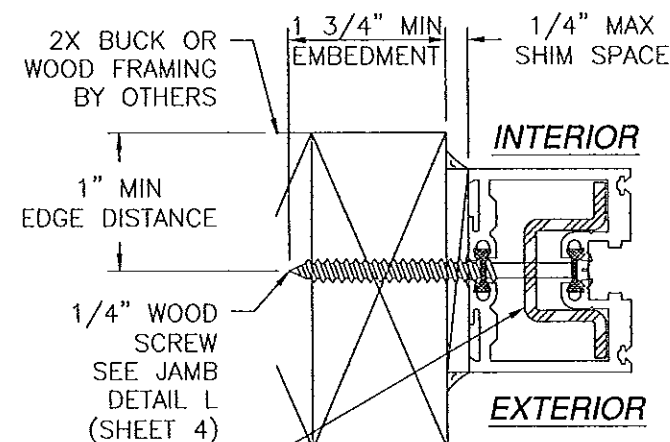
JAMB INSTALLATION DETAIL
2X BUCK OR WOOD FRAMING
TALL PROFILE NO REINFORCEMENT



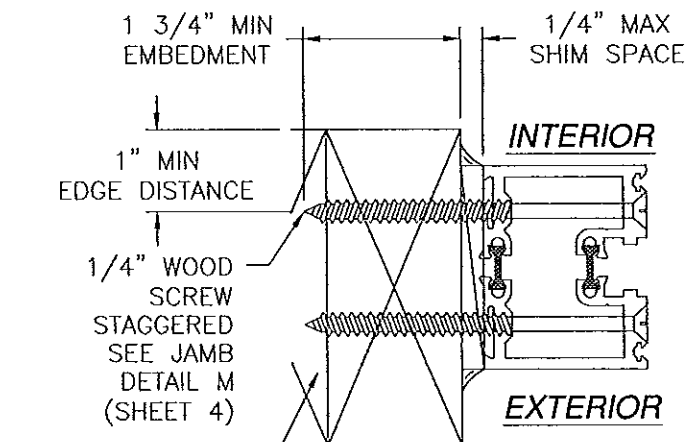
JAMB INSTALLATION DETAIL
METAL STRUCTURE
TALL PROFILE WITH REINFORCEMENT



JAMB INSTALLATION DETAIL
METAL STRUCTURE
SHORT PROFILE NO REINFORCEMENT



JAMB INSTALLATION DETAIL
2X BUCK OR WOOD FRAMING
SHORT PROFILE WITH REINFORCEMENT



JAMB INSTALLATION DETAIL
2X BUCK OR WOOD FRAMING
SHORT PROFILE NO REINFORCEMENT

SIGNED: 01/09/2014

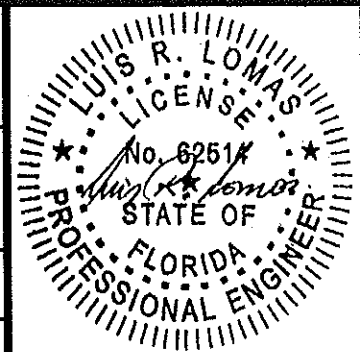
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Florida Building Code
Date 2/12/2014
NOA 12-0926-007
Miami Dade Product Control
By [Signature]

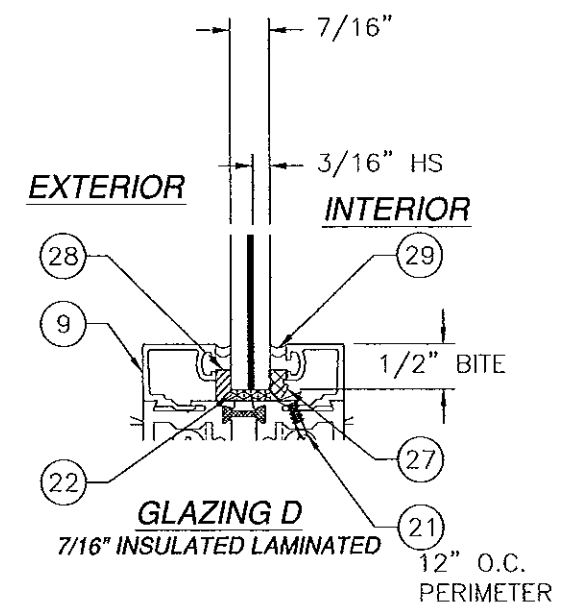
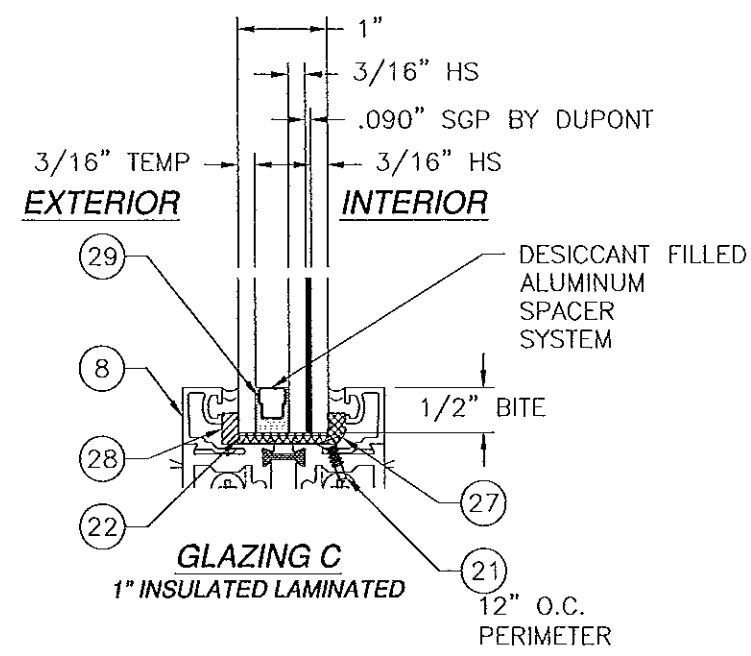
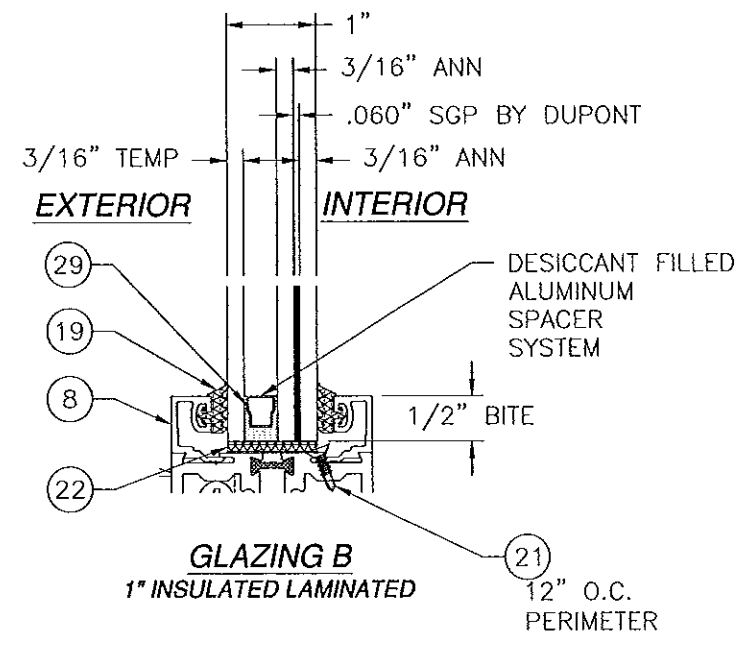
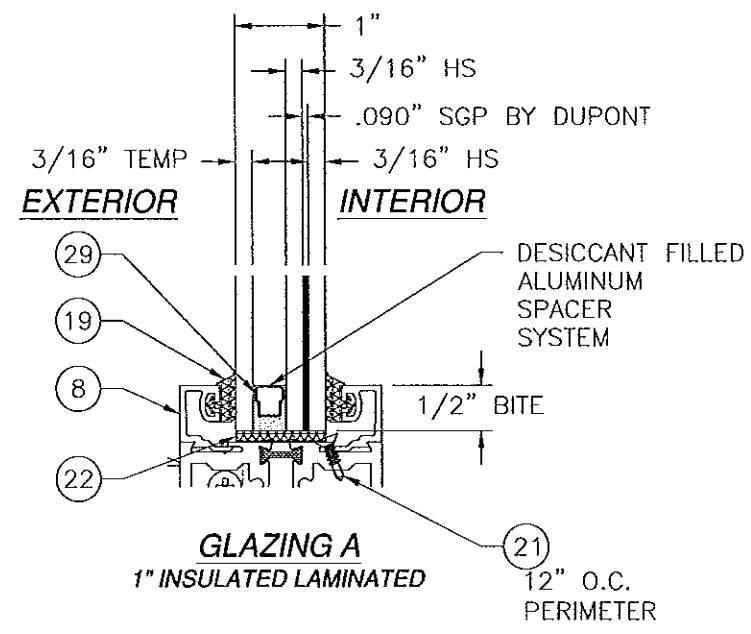
SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR – REINFORCED
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 11 OF 14





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.

SIGNED: 01/09/2014

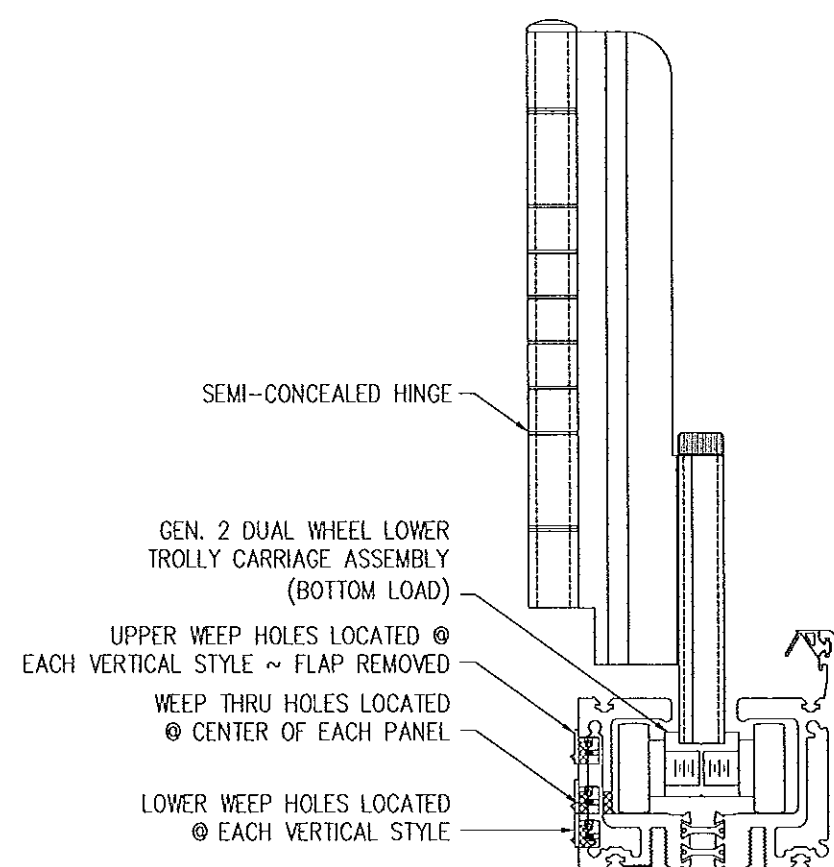
Approved as complying with the Florida Building Code
 Date: 2/28/16
 NOAC 12-0976-07
 Miami Code Product Control
 By: [Signature]

SOLAR INNOVATIONS, INC.
 31 ROBERTS RD
 PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
 ALUMINUM OUTFOLD DOOR - REINFORCED
 INSTALLATION DETAILS

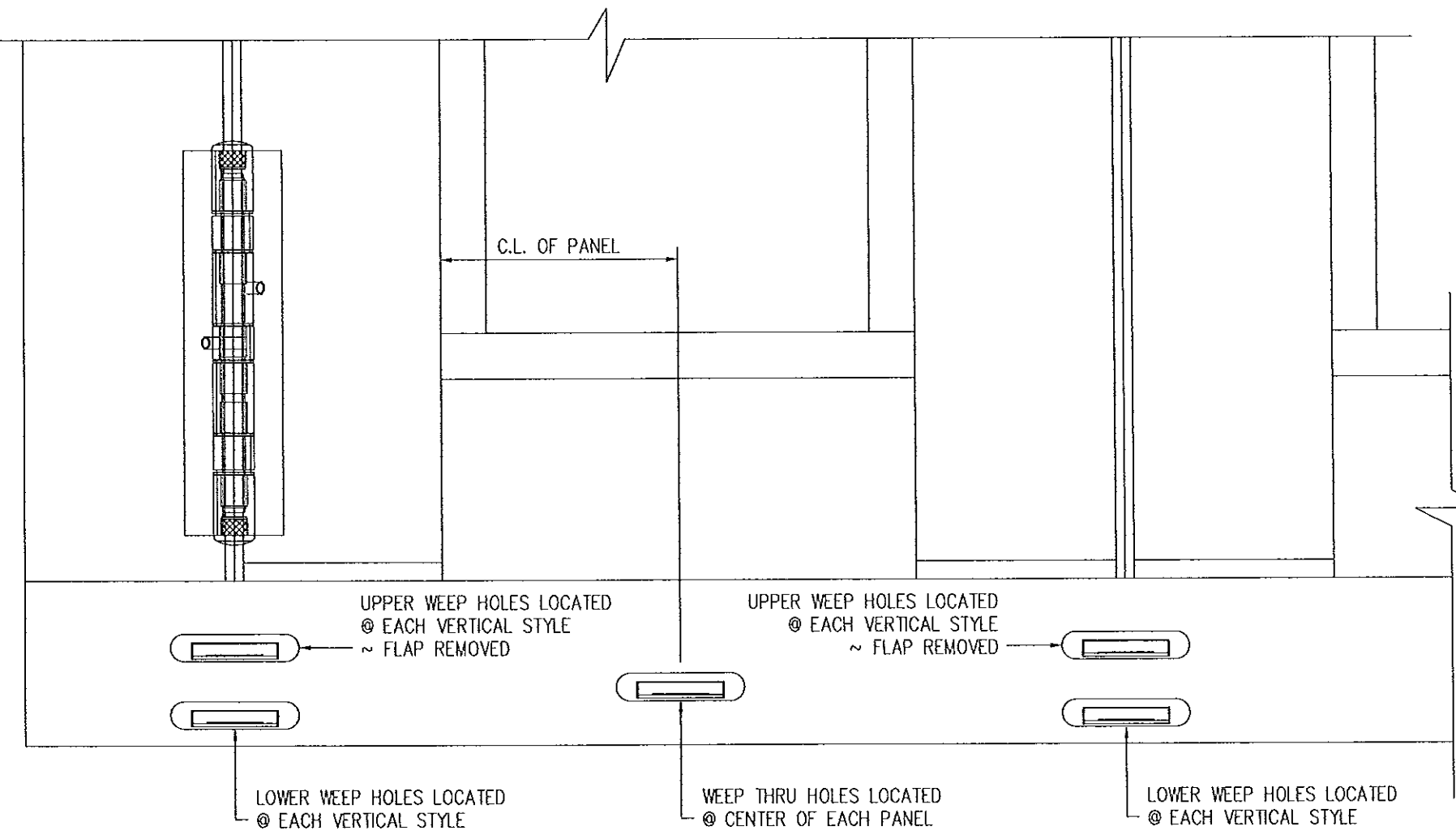
DRAWN: R.L.	DWG NO: 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 12 OF 14

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REMOVED INFOLD CONFIGURATION	03/18/13	R.L.
B	REVISED PER MD COMMENTS	09/26/13	R.L.
C	REVISED PER MD COMMENTS	01/08/14	R.L.



HINGE STILE FOR ILLUSTRATION ONLY

WEEP LOCATIONS



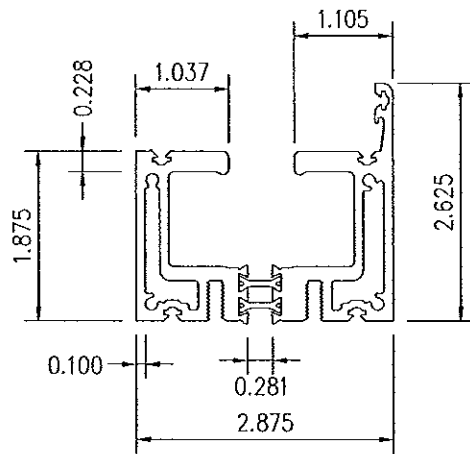
Approved as complying with
Florida Building Code
Date 2/20/16
By [Signature]
Miami Code Project Control

SOLAR INNOVATIONS, INC.
31 ROBERTS RD
PINE GROVE, PA 17963

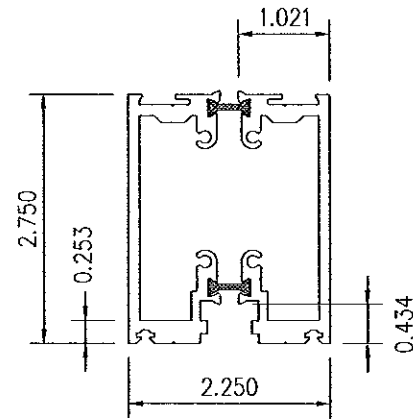
SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
WEEP LOCATIONS

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 13 OF 14

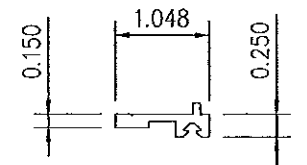
SIGNED: 01/09/2014



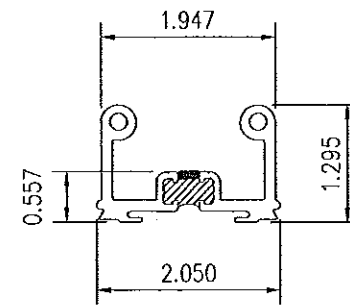
1 DUAL WHEEL
HEAD / SILL
ALUMINUM 6063-T6
.100" THICK



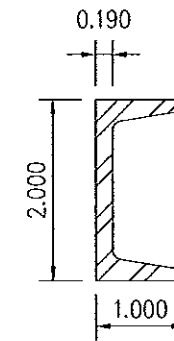
2 FRAME
ALUMINUM 6063-T6
.125" THICK



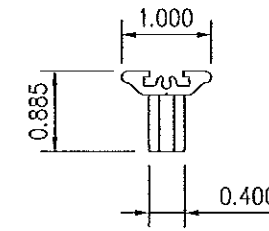
3 FRAME
CAP
ALUMINUM 6063-T6
.080" THICK



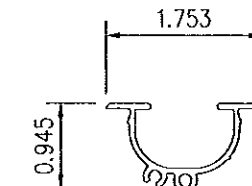
4 FRAME
LUG
ALUMINUM 6063-T6
.125" THICK



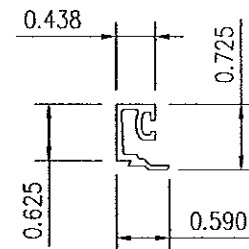
5 STEEL
INSERT



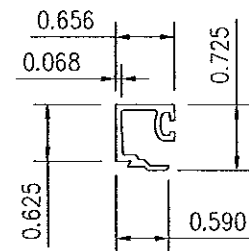
6 LOW-PROFILE
HANDLE



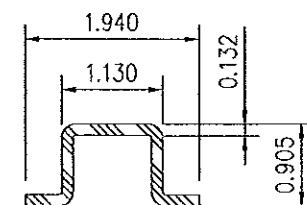
7 RECESSED / FLUSH
HANDLE



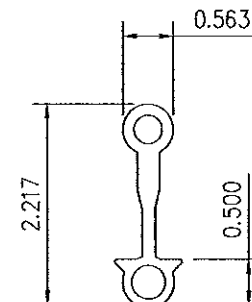
8 1" GLASS
STOP
ALUMINUM 6063-T6
.060" THICK



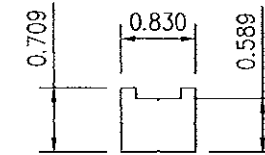
9 9/16" GLASS
STOP
ALUMINUM 6063-T6
.060" THICK



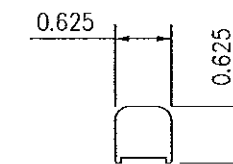
10 JAMB
REINFORCEMENT



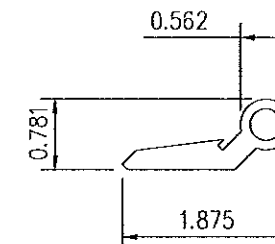
11 HINGE
EXTENSION
ALUMINUM 6105-T5
.150" THICK



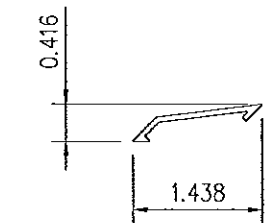
12 TROLLEY
BODY
ALUMINUM 6005-T5



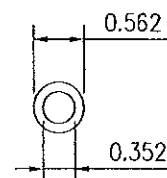
13 IDLER
BODY
ALUMINUM 6105-T5



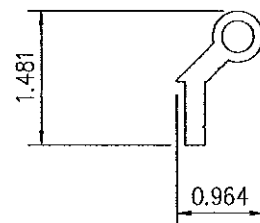
14 5 1/4"
HINGE
ALUMINUM 6105-T5



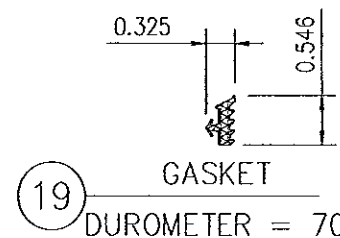
15 5 1/4"
HINGE COVER
ALUMINUM 6063-T6
.060" THICK



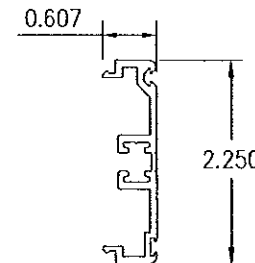
16 HINGE
BARREL
ALUMINUM 6063-T6
.105" THICK



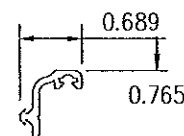
17 5 1/4" SEMI-
CONCEALED HINGE
ALUMINUM 6105-T5



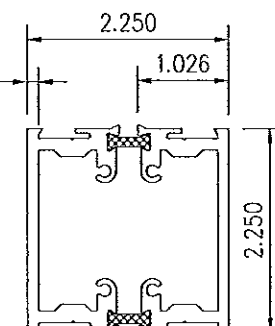
19 GASKET
DUROMETER = 70



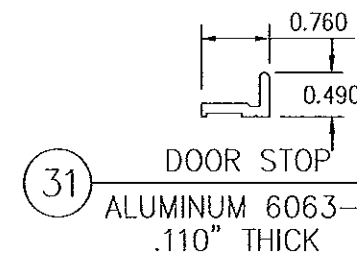
39 DOOR ADAPTER
ALUMINUM 6063-T6
.080" THICK



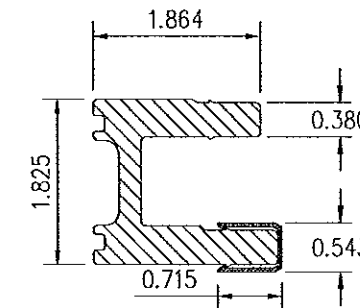
37 SLIDE-IN DOOR STOP
ALUMINUM 6063-T6
.070" THICK



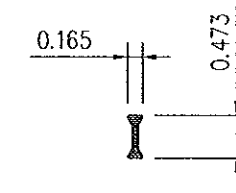
43 MID RAIL
FRAME
ALUMINUM 6063-T6
.125" THICK



31 DOOR STOP
ALUMINUM 6063-T6
.110" THICK



47 U ALUMINUM
REINFORCEMENT
ALUMINUM 6063-T5
.250" THICK



48 THERMAL BREAK
POLYAMIDE(PA66GF-25)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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Date 2/20/16
By [Signature]
Miami Dade Product Control

SOLAR INNOVATIONS, INC.

31 ROBERTS RD
PINE GROVE, PA 17963

SI 3350 IMPACT FGW 3X8 PANEL
ALUMINUM OUTFOLD DOOR - REINFORCED
COMPONENTS

DRAWN: R.L.	DWG NO. 08-01740	REV C
SCALE NTS	DATE 09/19/2012	SHEET 14 OF 14

